

INFORMATION REPORT

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SUPPLEMENT TO 25X1
REPORT NO.

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INTELLOFAX 25

COUNTRY Estonian SSR

SUBJECT Oil and Gas Plants at Kothla-Yaervi

PLACE ACQUIRE

DATE OF INFO.

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1. Location :

The plants are on the southwestern edge of Kothla-Yaervi (27°15'E/59°23'N), Estonian SSR.

2. Plant installations :

The oil plants, which previously were known as Baltic Oils, are now designated Kothla-Yaervi Oil Plants No. 1 to 4. The newly constructed gas plants are named Gaslan-Stroy No. 1 to 4.

a. From inscriptions on the furnaces it was concluded that the oil plants No. 1 to 3 were constructed in 1908 and that the furnaces are of English origin. Oil Plant No. 4 was constructed in 1920. The plants did not suffer from any war damages. Plants No. 1 to 3 resumed production in 1945 and Plant No. 4 in 1946.

b. In 1943, an about 250-km long gas pipe line to Leningrad was put into operation. This long distance line had been under construction since 1946.

c. the following constructions :

- (1) Gas Plant No. 1 : Completed and initiated with 130 furnaces on the 1943 anniversary of the October Revolution.
- (2) Gas Plant No. 2 : Completed with 130 furnaces in August 1949. A short time before source left, the furnaces were preheated with wood. Operation was to start a month or two later.

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- (3) Gas Plant No. 3: Construction works started in April/May of 1949. The excavations were completed by August so that foundations could be started. Two high concrete smokestacks for Plant No. 2 and No. 3 were completed at the time.
- (4) Power Plant: The first turbine was put into operation in 1948, the second in 1949.
- (5) Plant settlement buildings: Located 6 km from town near the Kukruse mine. This so-called socialistic town is planned to grow up to a population of 30,000 people.
- d. The plant covers an area about 1 km square, comprising oil plants No. 1 to 4, Gas Plants No. 1 to 3, the power plant and the slag-stone plant.
- e. It is connected to the main railroad line. The Bovanda railroad station is transshipment station and freight yard for the plants.
For plant layout see Annex.
The power was formerly supplied by the Pussu power plant. Since the capacity of that power plant was not sufficient, a plant-owned power source was constructed (source temporarily worked in the Pussu Power Plant).

3. Work force:

The oil plants employed about 800 laborers. The 300 PWs were replaced by Estonians. Gas plant No. 1 employed about 250 laborers.

4. Production:

Oil plants: black tar oil and secondary products such as gasoline, tar, carbolineum (wood preservative), iron varnishes, acids. Gas plants: Oil gas.

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Comment:

a. A vague description of the industrial installations of Kothla-Yaorvi was transmitted before at which time the location of the oil and gas plants was given as immediately south of town.

b. The plant is important for the gas supply of Leningrad. The attached sketch seems credible and furnishes a very detailed survey on the installations.

1. Annex: Oil and Gas Plants in Kothla-Yaorvi.

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Legend to Annex

A Oil and gas plants

- 1 Oil plant No. 1, 60 x 36 meters
- 2 Oil plant No. 2, 60 x 36 meters
- 3 Oil plant No. 3, 60 x 36 meters
- 4 Filter tank, 9 meters high and 4 $\frac{1}{2}$ meters in diameter
- 5 Slag bunker
 - a cable car line
 - b slag dump, 82 meters high
- 6 Oil plant No. 4, 60 x 36 meters, constructed in 1920
 - a Cable car line
 - b slag dump, about 54 meters high
- 7 Steam generating plant with smokestack for the oil plants
- 8 Gas tanks (direction of pipes unknown)
- 9 Power plant, operating since 1948, 60 x 54 meters, with two turbines and two smokestacks
- 10 "Oil stone" bunker of the power plant
- 11 Cable car line to a new slag dump
- 12 Old destroyed steam plant
- 13 Two reserve tanks for oil, 13 $\frac{1}{2}$ meters long and 13 $\frac{1}{2}$ meters high
- 14 Two filter tanks for oil, 9 meters high and 4 $\frac{1}{2}$ meters in diameter
- 15 Tar factory built in 1902
- 16 Repair shops and offices
- 17 Experimental gas plant 135 x 36 meters, built in 1937, operating
- 18 Tank containing iron varnish (capacity about 50 tons)
- 19 Gasoline tank (capacity about 50 cub.m.)
- 20 Presumably an acid tank, about 50 tons capacity
- 21 Two reserve tanks for oil, 13 $\frac{1}{2}$ meters long and 13 $\frac{1}{2}$ meters high
- 22 Slagstone factory

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- 23 Guard detail
- 24 Workshops
- 25 Tanks containing carbolineum, about 50 tons capacity
- 26 Administration, 64 x 36 meters
- 27 Transformer station
- 28 Gas plant No. 1
 - a 90 furnaces, 135 x 36 meters, fire-brick structure
 - b Same as above
 - c Conveyor tower and belts, completed by October 1949
 - d Smokestack
- 29 Gas plant No. 2
 - a and b 90 furnaces each, 135 x 36 meters, fire-brick structure, completed in August 1949
 - c Conveyor tower
 - d Brick smokestack, completed in August 1949, with funnel to gas plant No. 2 and 3
 - e Same as above
- 30 Gas plant No. 3, under construction since April/May 1949
 - a and b Foundations for the furnaces under construction
 - c Conveyor tower under construction
- 31 Bunker for slag of gas plants No. 2 and 3
 - a Conveyor belts to gas plants
 - b Conveyor belt to slag bunker
- 32 "Oil stone" bunker
- 33 Slag bunker with conveyor belts connection to No. 32
- 34 Cable car up to a slag dump, 21 meters high
- 35 Small compressor station
 - a Four super pressure tanks, 23 meters high and 4 1/2 meters in diameter
 - b Presumably valves
- 36 Six gas cleaning tanks, 13 1/2 x 13 1/2 meters

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- 37 Compressor station, 130 x 45 meters, constructed in 1947
- 38 Pumping plant, 27 meters long, built from 1945 to 1948
- 39 Gas tanks
- 40 Gas pipe line to Leningrad, 250 km long, in operation since 1948
- B Locomotive repair shop, 54 x 36 meters
- C Mechanical workshop, 54 x 36 meters
- D Forge and iron foundry
- E Mechanical workshop
- F Workshop of Sandex Firm
- G Old slag dump.

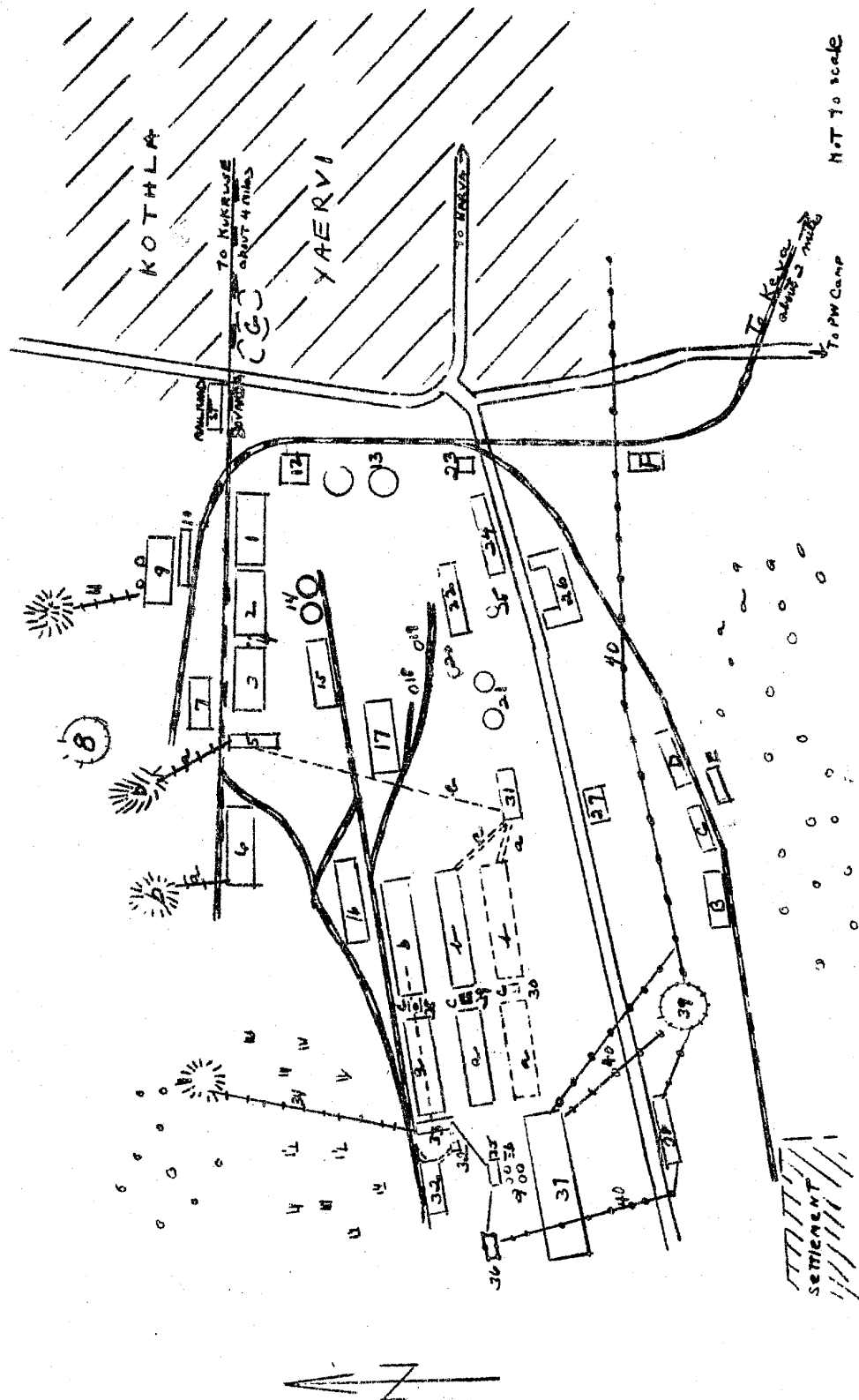
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